

IN THE CLAIM:

1-6 (Canceled)

7. (Previously Presented) A commutator for a rotor of a motor, the commutator comprising:

a plurality of commutator segments each having a segment surface, said plurality of commutator segments being arranged to have said segment surfaces form a cylindrical shape;

a plurality of commutator legs each formed separately from said commutator segments, each said commutator leg having a flat shape and being welded to one of said segment surfaces of said commutator segments, said each commutator leg extending outward from a respective said segment surface in a radial direction of said cylindrical shape.

8. (Previously Presented) A commutator in accordance with claim 7, wherein:

said each commutator leg has a base portion welded to said respective segment surface;

said each commutator leg has a tip portion extending from said base portion in said radial direction, said tip portion being narrower than said base portion.

9. (Previously Presented) A commutator in accordance with claim 8, further comprising:

a varistor having a disk shape and defining a hole in a substantially center portion of

said disk shape, said varistor being arranged around said plurality of commutator segments and having a plurality of electrodes soldered to said base portions of said commutator legs, said tip portion extending radially outwards from said varistor.

10. (Previously Presented) A commutator in accordance with claim 8, further comprising:

a shaft with a plurality of rotor magnetic poles, said commutator segments being mounted on said shaft, said plurality of commutator legs being arranged on a side of said commutator segments arranged toward said plurality of rotor magnetic poles.

11. (Previously Presented) A commutator in accordance with claim 9, further comprising:

a shaft with a plurality of rotor magnetic poles, said commutator segments being mounted on said shaft, said plurality of commutator legs being arranged on a side of said commutator segments arranged toward said plurality of rotor magnetic poles.

12. (Previously Presented) A commutator in accordance with claim 11, wherein:

said varistor is arranged on a side of said commutator legs diametrically opposite said rotor magnetic poles.

13. (Previously Presented) A commutator in accordance with claim 10, further

comprising:

windings around said rotor magnetic poles, said windings being connected to said tip portions of said commutator legs.

14. (Previously Presented) A commutator in accordance with claim 11, further comprising:

windings around said rotor magnetic poles, said windings being connected to said tip portions of said commutator legs.

15. (Previously Presented) A commutator in accordance with claim 7, wherein:

a flatness of said flat shapes of said commutator legs are arranged in a radial plane of said cylindrical shape.